



MIAMI-DADE COUNTY
DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera/

Vision Hollow Metal Limited
400 Zenway Blvd., Unit 1
Woodbridge, Ontario L4H 0S7

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series Double Outswing Steel Doors w / wo Panic Exit Devices

APPROVAL DOCUMENT: Drawing No "AD10-11", titled "Double/Single Outswing Steel Door", sheets 1 through 7 of 7, prepared by MCY Engineering, Inc., dated 05-13-2010 and last revised on FEB 16, 2012, signed and sealed by Yiping Wang, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

Limitations:

1. See anchor options at jamb & threshold on sheet 2.
2. Double door with MG950 mullion will require Steel channel reinforcement for size exceeding 6'W X 7'H.
3. Electrical/Electronic function is not part of this approval, such functions to be reviewed and approved by AHJ.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, **Woodbridge, Ontario, Canada**, series and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 10-0623.02 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



NOA No 12-0223.30
Expiration Date: October 13, 2015
Approval Date: May 17, 2012
Page 1

5/17/12

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections (transferred from file # **10-0623.02**)
2. Drawing No "**AD10-11**", titled "Double/Single Outswing Steel Door", sheets 1 through 7 of 7, prepared by MCY Engineering, Inc., dated 05-13-2010 and last revised on FEB 16, 2012, signed and sealed by Yiping Wang, P.E.

Note: This revision consists of FBC 2010 notes only.

B. TESTS (transferred from file # **10-0623.02)**

1. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

Along with manufacturer's parts and section drawings of double outswing steel doors, marked by Fenestration Testing Lab, Test Report No. **FTL-6222**, dated 05/18/10, signed and sealed by Jorge Causo, P. E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by MCY Engineering, Inc., dated 06/17/10 and last revised on Sep 21, 2010, signed and sealed by Yiping Wang, P. E. (Submitted under file # **10-0623.02**)

D. QUALITY ASSURANCE

1. Miami Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

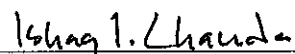
1. Tensile test report # FTL-6222, dated 05/18/10 prepared by fenestration Testing lab, signed & sealed by Jorge Causo, P.E.

F. STATEMENTS

1. Letter of conformance to FBC 2010 & 2007 dated 02/17/12, signed and sealed by Yiping Wang, P.E.
2. Letter of conformance to FBC 2007 & "No financial interest" dated 05/30/10, signed and sealed by Yiping Wang, P.E. (submitted under file # **10-0623.02**)
3. Lab compliance as part of the above referenced test report.

G. OTHER

1. This NOA **revises** NOA # **10-0623.02**, expiring on 10/13/15.
2. Distributor Agreement between Vision Hollow Metal Ltd., Ontario Canada and Cafferty Building Products, Florida USA, dated 10/11/10, signed by Nick Siragusa and Bob Cafferty, respectively (submitted under file # **10-0623.02**)
3. Design Hardware Panic devices & Lockwood mullion brochures / catalogs supplied by the door manufacturer. (Submitted under file # **10-0623.02**)



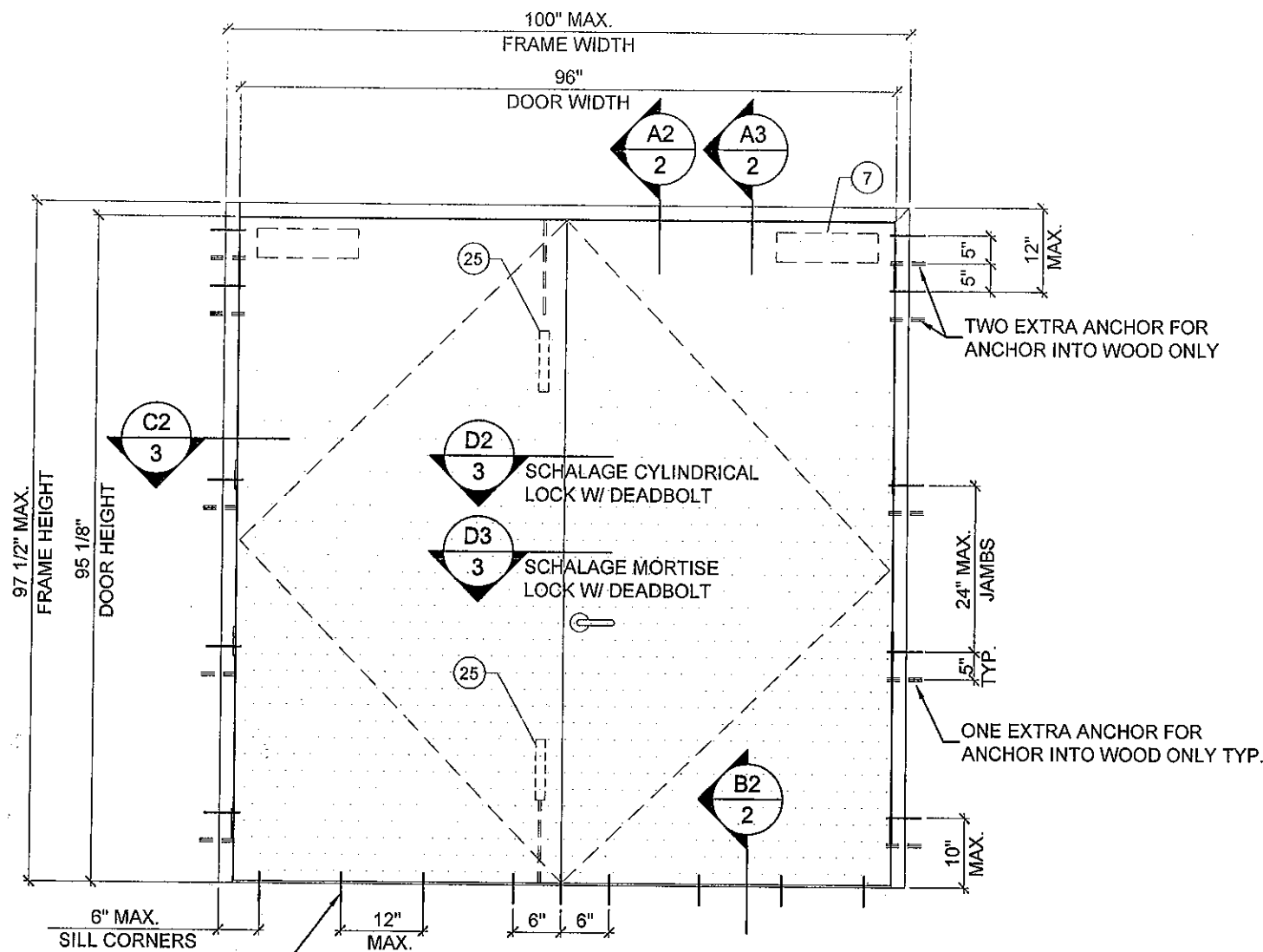
Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No 12-0223.30

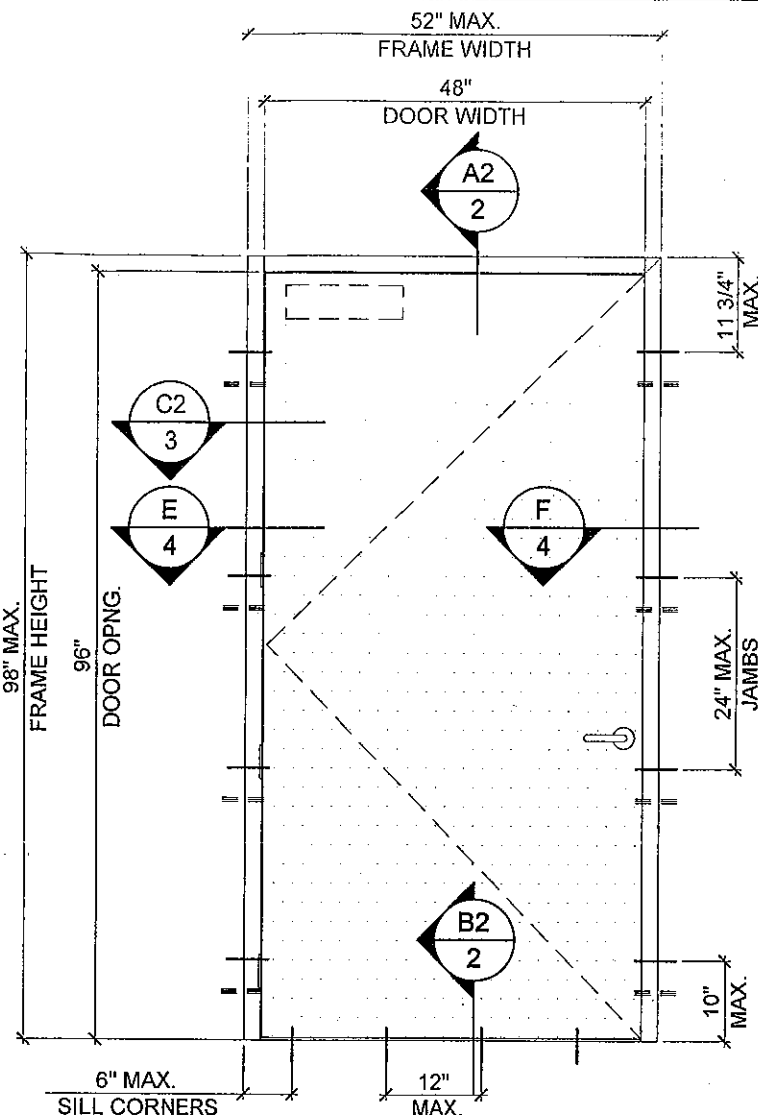
Expiration Date: October 13, 2015

Approval Date: May 17, 2012

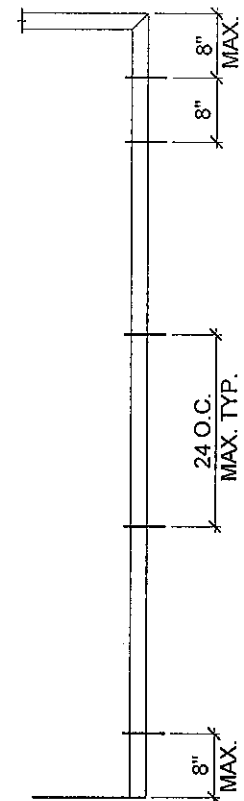


DOUBLE DOOR TYPICAL ELEVATION

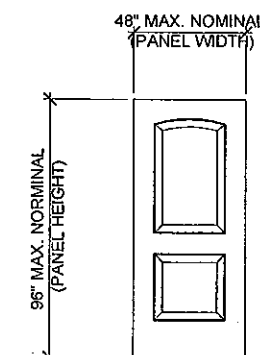
MAX. DESIGN LOAD
(FOR SIZES SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC)
+75.0 PSF
-75.0 PSF



SINGLE DOOR TYPICAL ELEVATION



WIRE ANCHOR LAYOUT TYPE G



OPTIONAL EMBOSSED DOOR LEAF PATTERNS

DOUBLE/SINGLE PANEL OUTSWING STEEL DOOR (LMI)

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2007/2010 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- DOORS RATED FOR LARGE MISSILE IMPACT AND DO NOT REQUIRE SHUTTERS.
- DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS OR IS NOT REQUIRED.
- ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.
- MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE FBC REQUIREMENTS.

- METAL, CONCRETE OR WOOD STRUCTURES NOT BY VISION HOLLOW METAL LIMITED MUST SUPPORT LOADS IMPOSED BY DOOR SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.
- A LOAD DURATION FACTOR IN ALLOWABLE STRESS IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
- DOOR PANEL: MIN. 18 GA. (0.053") STEEL Fy = 54 KSI MIN.
DOOR FRAME: MIN. 18 GA. (0.044") STEEL Fy = 54 KSI MIN

NOTES:
EGRESS REQUIREMENTS TO BE REVIEWED BY BUILDING OFFICIAL.

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 12-0223.30
Expiration Date 02/13/2015
By: [Signature]
Miami Dade Product Control

YIPING WANG
FLORIDA REGISTRATION
PE #5598983
C.A.N. 28677
FEB 16 2012
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MIAMI DADE COUNTY

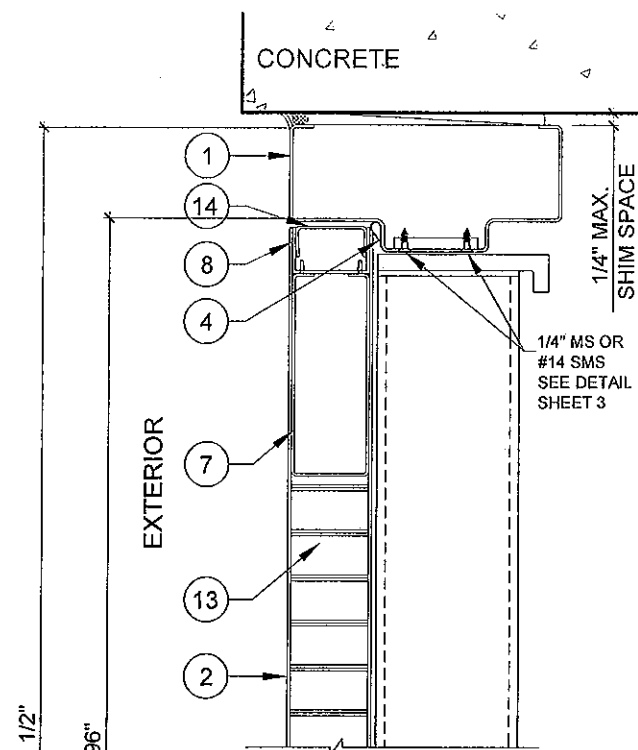
REVISIONS	NO	DATE	DESCRIPTION
1	02.16.12	2010 FBC	

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
8501 SW 124 AVE. STE. 205A P: 305.271.0117
MIAMI, FL 33183 F: 786.573.5063
www.MCYEngineering.com MCY.Engineering@Att.net

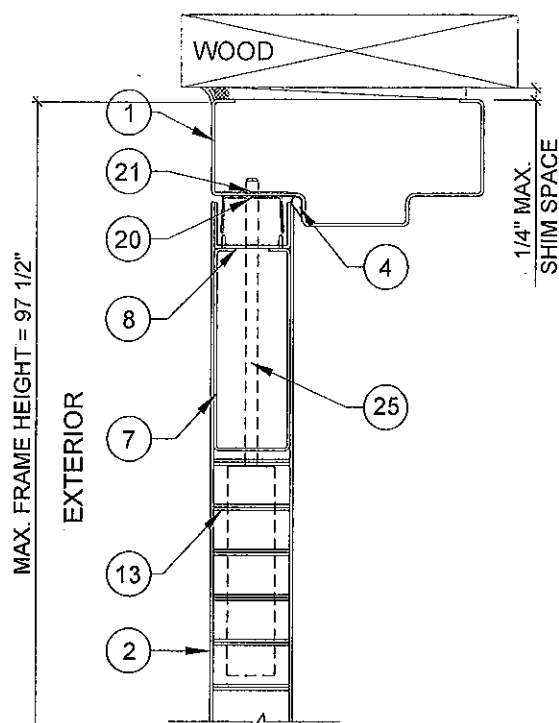
DOUBLE/SINGLE OUTSWING STEEL DOOR (LMI)
VISION HOLLOW METAL LIMITED
400 ZENWAY BLVD., UNIT #1
WOODBIDGE, ON L4H0S7
Tel: (877) 984 - 8465 Fax: (905) 851 - 1261

VISION
HOLLOW METAL LIMITED

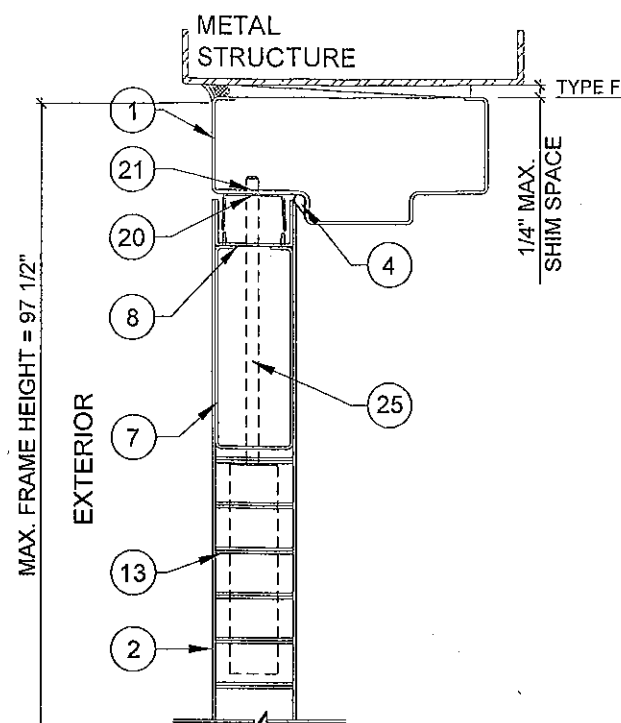
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SCALE	N.T.S.
DRAWN	E.D.
CHECKED	10-04
DRAWING NO.	AD10-11
1 OF 7	



HEAD DETAIL A1
OPTION 1
 DOOR WITH PANIC
 DEVICE & MULLION



HEAD DETAIL A2
OPTION 2
 DOOR WITH CYLINDRICAL
 LOCK & DEAD BOLT



HEAD DETAIL A3
OPTION 3
 DOOR WITH MORTISE
 LOCK & DEAD BOLT

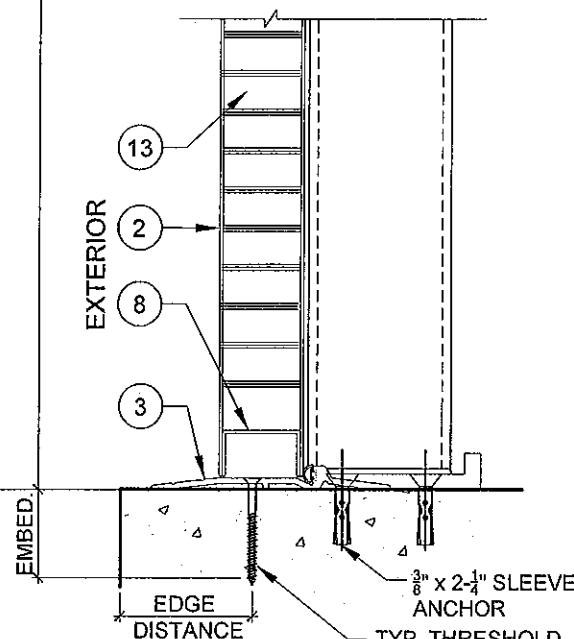
TYPICAL ANCHORS @ JAMB:
 (SEE ELEV. FOR SPACING)

- TYPE A.** 3/8" DIA. LAG SCREW (THRU EMA)
 INTO 2BY WOOD BUCK OR WOOD STRUCTURAL
 2-1/4" MIN. EMBED
 1-1/2" MIN. EDGE DISTANCE
- TYPE B.** 3/8" DIA. HLC SLEEVE ANCHOR BY 'HILTI' (THRU EMA)
 DIRECTLY INTO $f_c=3000$ PSI CONCRETE, 3" MIN. EDGE DIST.
 DIRECTLY INTO $f_c=2000$ PSI CONCRETE BLOCK, 3-1/2" MIN. EDGE DIST.
 1-1/4" MIN. EMBED
- TYPE C.** 3/8" DIA. CARBON SLEEVE ANCHOR BY 'WEJ-IT' (THRU EMA)
 DIRECTLY INTO $f_c=4000$ PSI CONCRETE, 2-3/8" MIN. EMBED
 DIRECTLY INTO $f_c=2000$ PSI CONCRETE FILLED BLOCK, 1-1/4" MIN. EMBED
 3-1/2" MIN. EDGE DISTANCE
- TYPE D.** 3/8" DIA. POWER BOLT BY 'POWERS' (THRU EMA)
 DIRECTLY INTO $f_c=3000$ PSI CONCRETE
 2-1/2" MIN. EMBED
 3 1/2" MIN. EDGE DISTANCE
- TYPE E.** 3/8" DIA. SMS OR MACHINE BOLTS (MIN. GRADE 2 CRS) OR STAINLESS STEEL
 (THRU EMA)
 INTO METAL STRUCTURES (STEEL OR ALUMINUM 1/8" MIN. THICK.)
 STEEL : $F_y = 36$ KSI MIN.
 ALUMINUM : 6063-T6 MIN.
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)
- TYPE G.** WIRE ANCHOR (F_y min. = 60 KSI)
 0.173 DIA. STEEL WIRE ANCHORS EMBED INTO CONCRETE FILLED BLOCK
 WITH 8.75" EMBED

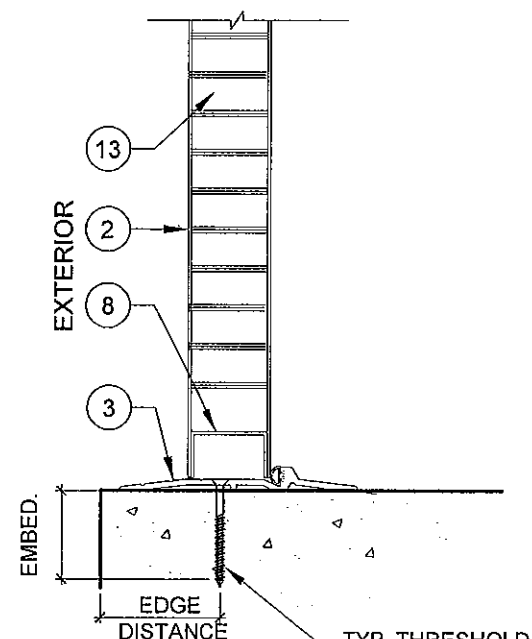
TYPICAL ANCHORS @ THRESHOLD:
 (SEE ELEV. FOR SPACING)

- 1/4" OR 5/16" DIA. ULTRACONS BY 'ELCO' $F_y = 155$ KSI $F_u = 177$ KSI
 DIRECTLY INTO $f_c=3000$ PSI MIN. CONCRETE
 1-1/2" MIN. EMBED
 2-1/2" MIN. EDGE DISTANCE
- 1/4" TAPCON BY ITW $F_y = 90$ KSI $F_u = 120$ KSI
 DIRECTLY INTO $f_c=3000$ PSI MIN. CONCRETE
 1-1/2" MIN. EMBED
 2-1/2" MIN. EDGE DISTANCE

SEALANT:
 ALL FRAME JOINTS AND CORNERS TO BE SEALED
 WITH SILICONE AT PERIMETER



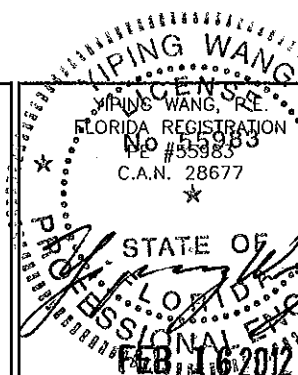
TYPICAL THRESHOLD B1
 DOOR WITH PANIC
 DEVICE & MULLION



TYPICAL THRESHOLD B2

PRODUCT REVIEWED
 as complying with the Florida
 Building Code
 Acceptance No 12-0223-30
 Expiration Date 10/13/15
 Issued By: [Signature]
 Miami Dade Permit Control

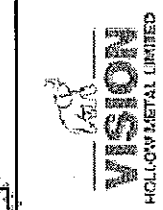
MIAMI DADE COUNTY



DATE	05-13-2010
SCALE	N.T.S.
DESIGN	E.O.
PROJECT	10-04

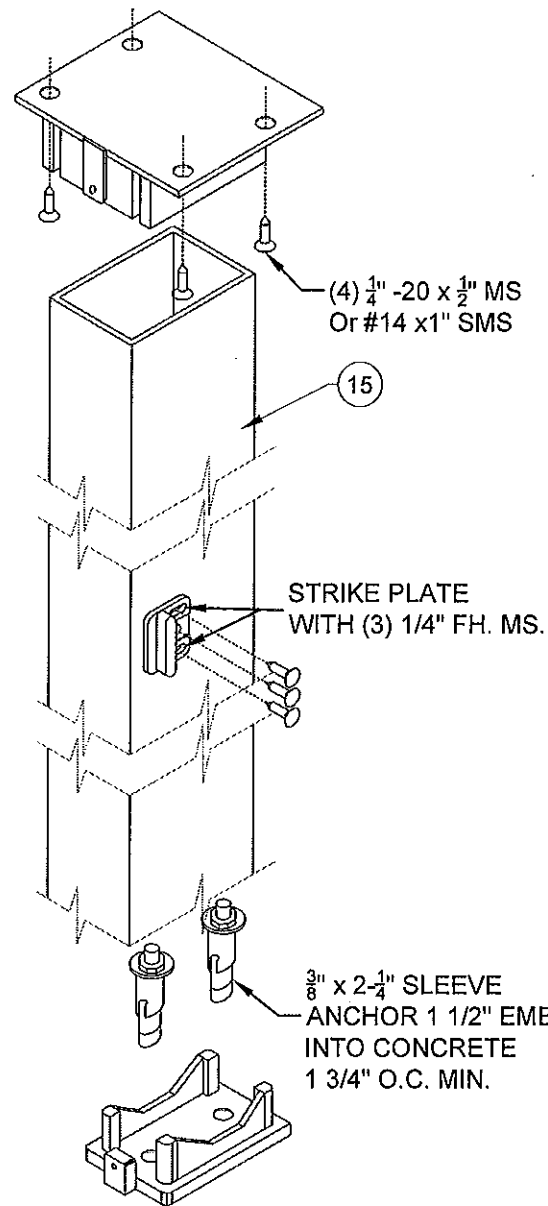
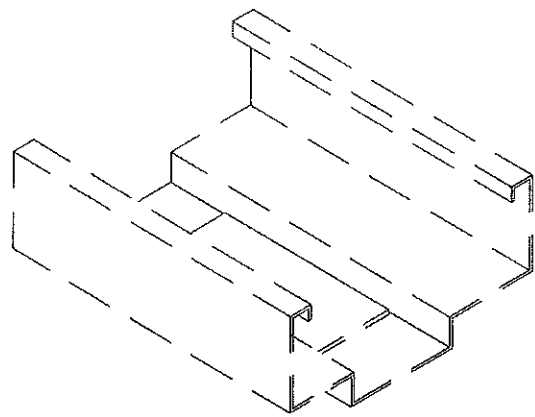
DRAWING NO.
 AD10-11

DOUBLE/SINGLE OUTSWING STEEL DOOR (LMI)
VISION HOLLOW METAL LIMITED
 400 ZENWAY BLVD., UNIT #1
 WOODBRIDGE, ON L4H0S7
 Tel: (877) 984 - 8465 Fax: (905) 851 - 1261

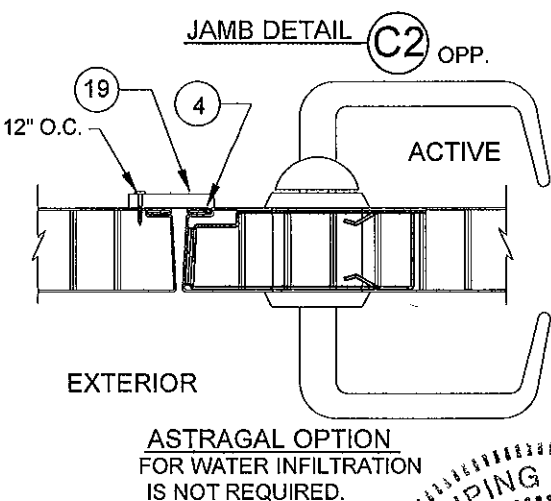
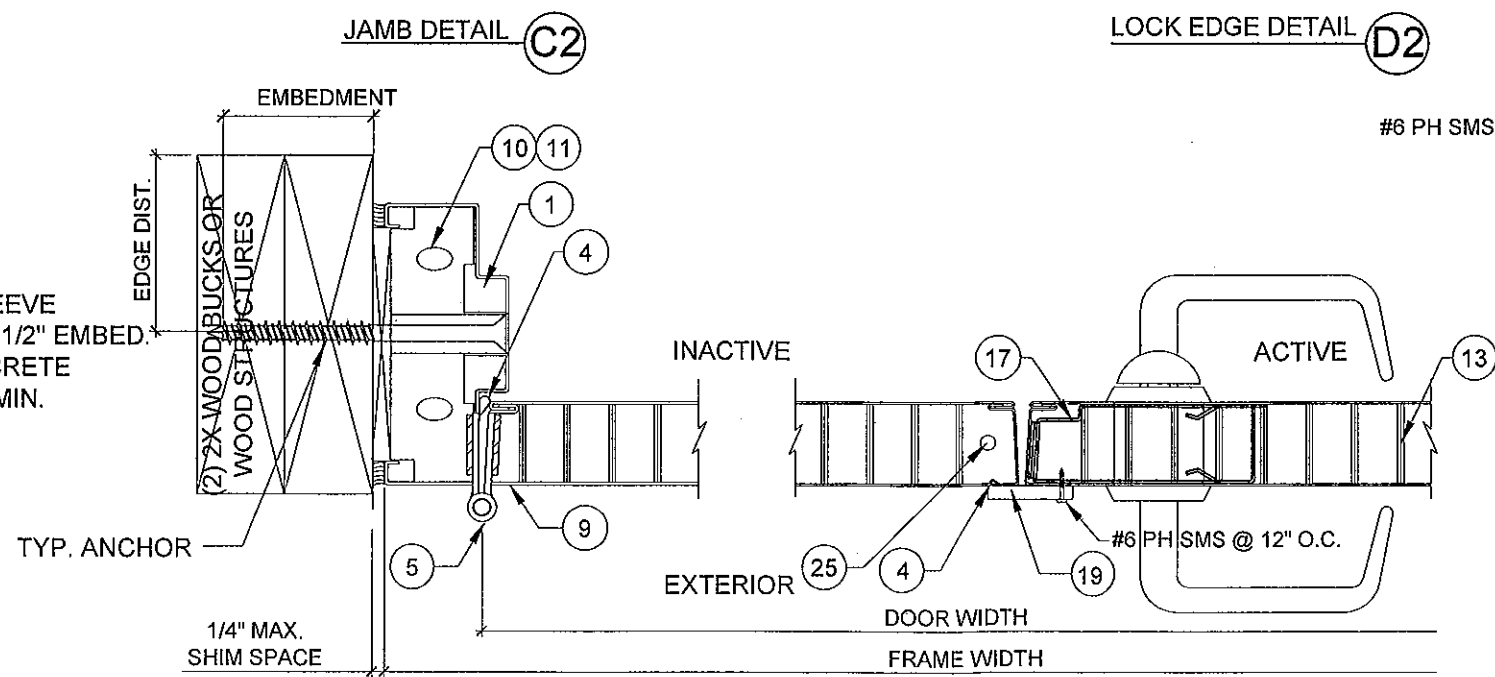
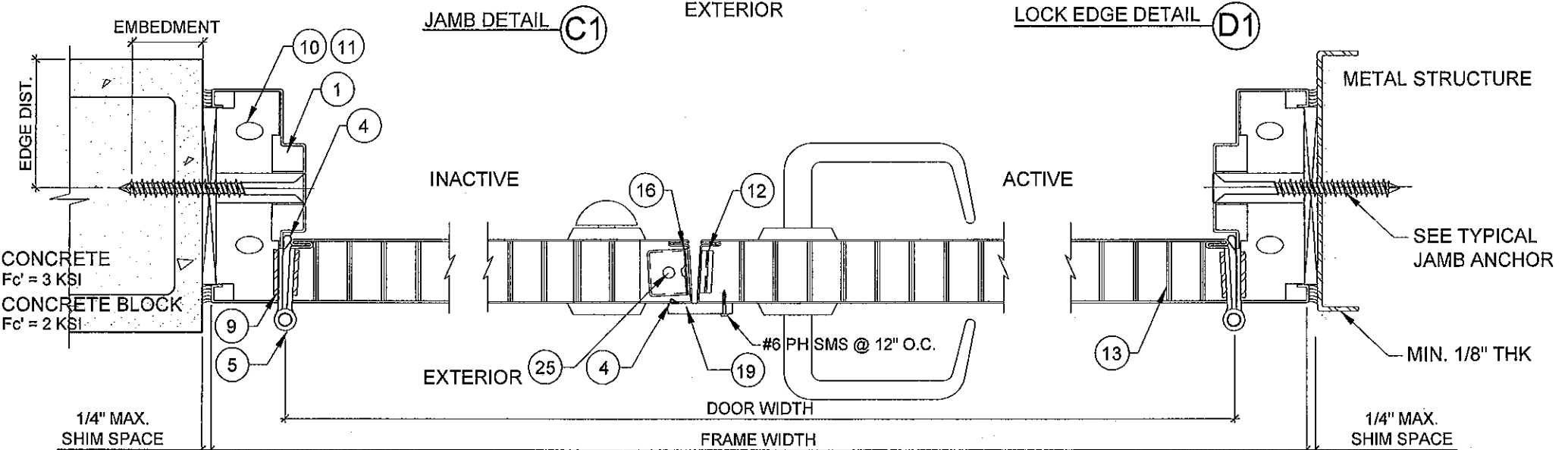
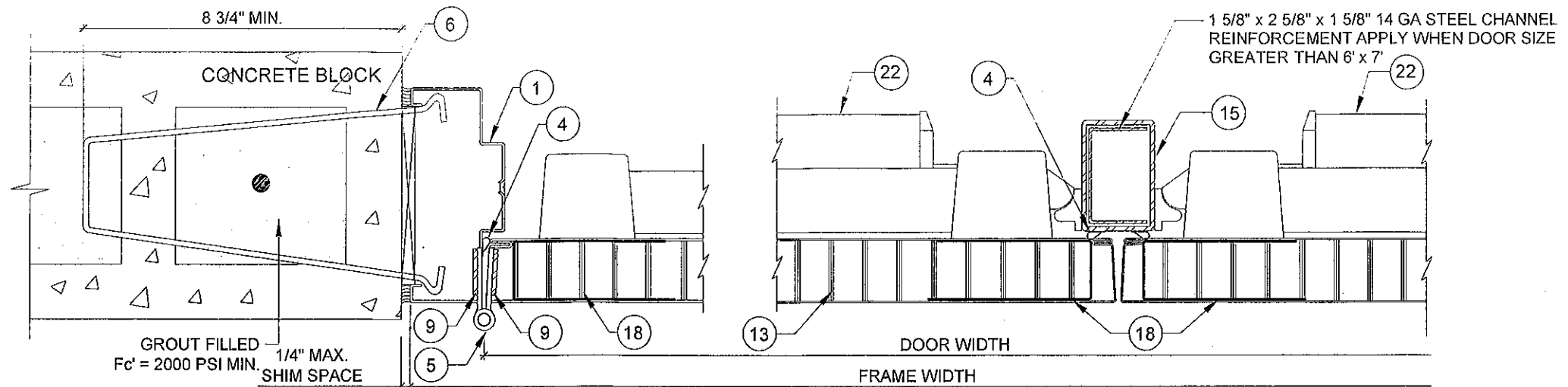


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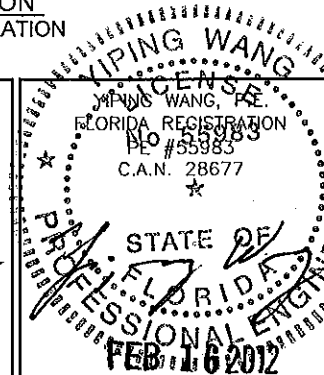
MCY ENGINEERING, INC.
 GLAZING CONSULTANTS
 8501 SW 124th AVE. STE. 205A P: 305.271.0117
 MIAMI, FL 33183 F: 786.573.5063
 www.MCYEngineering.com MCY.Engineering@Att.net



MG950F MULLION
WITH SERIES 2000 DESIGN
HARDWARE PANIC DEVICE



PRODUCT REVISED
to comply with the Florida
Building Code
Amendment No 12-0223-30
Expiration Date 10/13/15
Shag I. Lhant
Miami Dade County



NO	DATE	DESCRIPTION
1	02.16.12	2010 FBC

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GLAZING CONSULTANTS

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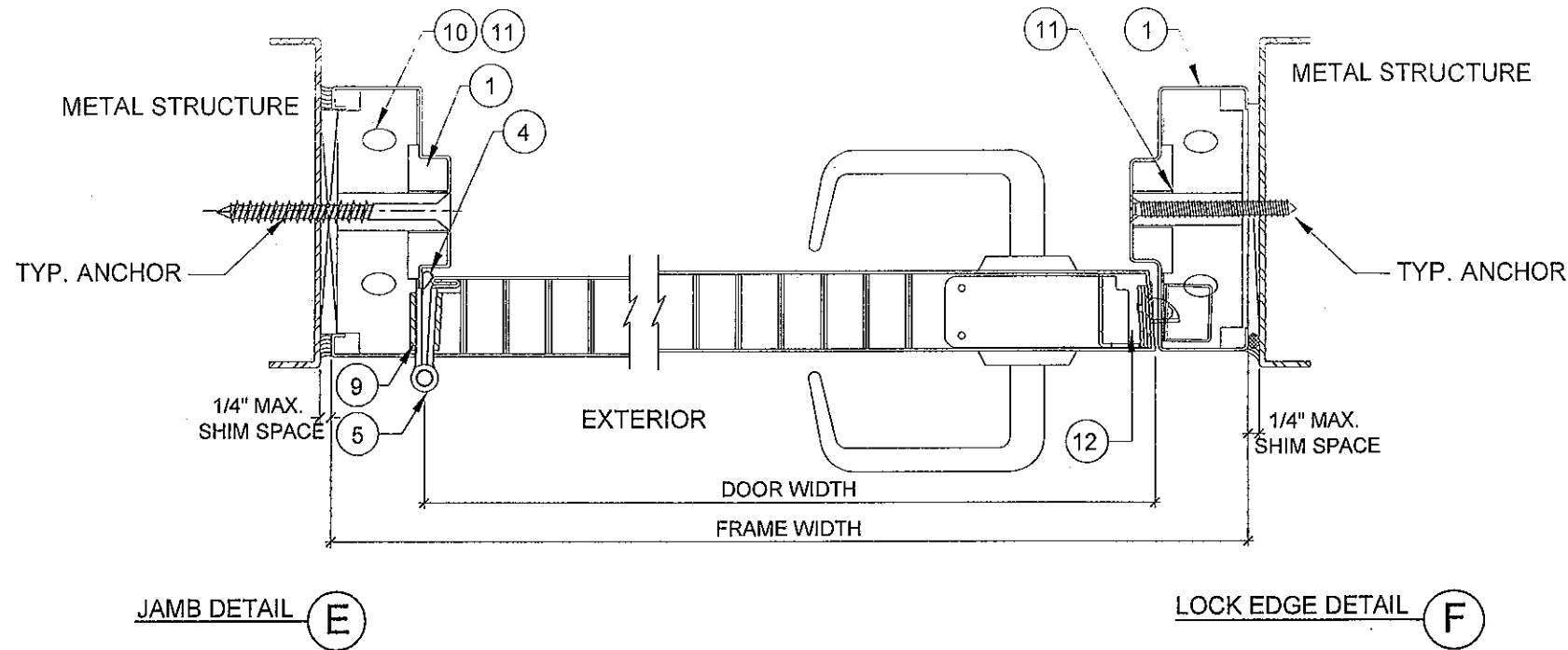
DOUBLE/SINGLE OUTSWING STEEL DOOR (LMI)

VISION HOLLOW METAL LIMITED

400 ZENWAY BLVD., UNIT #1
WOODBIDGE, ON L4H0S7

Tel: (877) 984 - 8465 Fax: (905) 851 - 1261

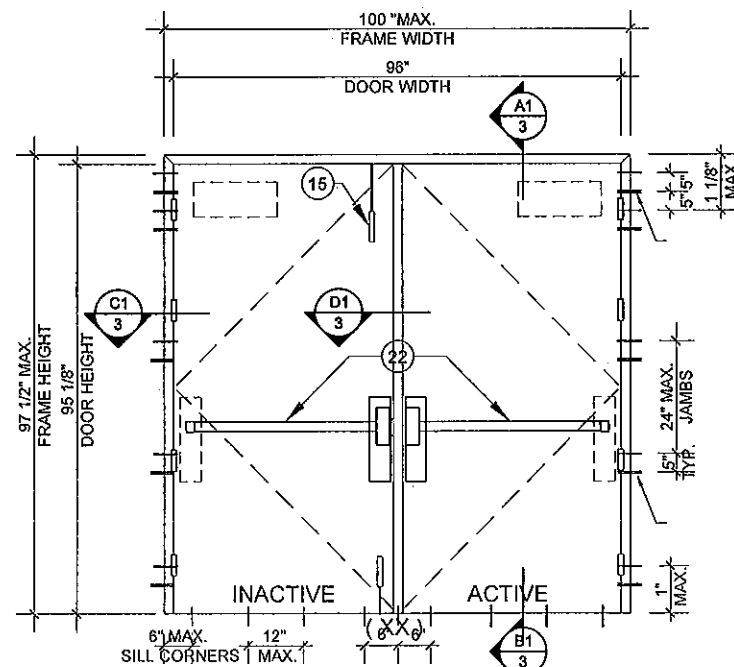
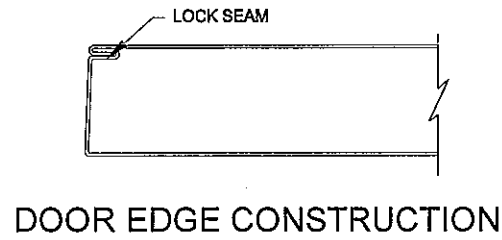
DATE	05-13-2010
SCALE	N.T.S.
DRAWN	E.D.
PROJECT	1004
DRAWING NO.	AD10-11
3 OF 7	



HINGES

STEEL MOTISE HINGES FOUR PER LEAF
AT 10" FROM BOTTOM TO C.L. OF HINGE.
12" FROM TOP TO C.L. OF HINGE AND 26"
O.C. MAX.

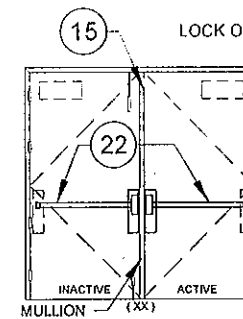
ALL HINGES FASTENED TO FRAME WITH
(4) 12-24 x 1/2" FH MS AND TO PANEL WITH
(4) 12-24 x 1/2" FH MS



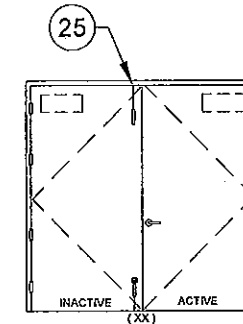
TYP. ELEVATION
W/ RIM PANIC & MULLION

LOCK OPTIONS

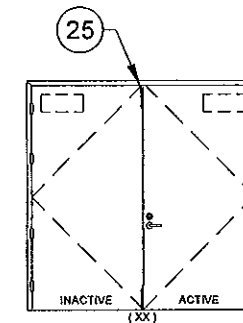
LOCK OPTIONS FOR DOUBLE DOORS ACTIVE LEAF CAN APPLY FOR SINGLE DOORS



OPTION #1
DOOR W/ PANIC EXIT
DEVICE & MULLION



OPTION #2
DOOR W/ CYLINDRICAL
LOCK & DEAD BOLT



OPTION #3
DOOR W/ MORTISE
LOCK & DEAD BOLT

ACTIVE LEAF

"DESIGN HARDWARE 2000 SERIES" PANIC EXIT DEVICE
LOCATED AT PANELS AT 40" FROM BOTTOM, FASTENED
WITH (6) 14 x 1 1/2" FH SDS.

INACTIVE LEAF

"DESIGN HARDWARE 2000 SERIES" PANIC EXIT DEVICE
LOCATED AT PANELS AT 40" FROM BOTTOM, FASTENED
WITH (6) 14 x 1 1/2" FH SDS.

MULLION

"LOCKWOOD 950F MULLION"
(2) SURFACE MOUNT METALLIC KEEPERS
40" FROM BOTTOM WITH (3) #10 x 1 1/4" FH SDS

ACTIVE LEAF

"SCHLAGE AL53PD SERIES"
LOCATED AT 39 1/2" FROM BOTTOM, FASTENED WITH (2)
8 x 3/4" MTS.

INACTIVE LEAF

"YVES FB458 MORTISE FLUSHBOLTS"
LOCATED AT TOP AND BOTTOM, FASTENED WITH (4)
8 x 3/4" FH MULTI THREAD SCREWS.

"SINGLE CYLINDER DEADBOLT LOCK"

LOCATED AT 47 1/4" FROM BOTTOM WITH (2) 1/4-28 x 1 7/8"
PH MS AND (2) 8 x 3/4" FH SMS.

STRIKE PLATE 39-1/2" FROM BOTTOM WITH (2) #12 X1" FH
MULTI THREAD SCREWS

STRIKE PLATE AT MIDDLE SPAN OF FRAME HEAD
WITH (2) #8 X3/4" FH MULTI THREAD SCREWS

STRIKE PLATE AT MIDDLE SPAN OF THRESHOLD
WITH (2) #8 X1 1/2" FH MULTI THREAD SCREWS

ACTIVE LEAF

"SCHLAGE L9453P MORTISE LOCK"
LOCATED AT 37 1/8" FROM BOTTOM, FASTENED WITH (2)
10 x 3/4" MTS.

"SINGLE CYLINDER DEADBOLT LOCK"

LOCATED AT 40 5/8" FROM BOTTOM, FASTENED WITH (2)
12 x 1" FH MTS

INACTIVE LEAF

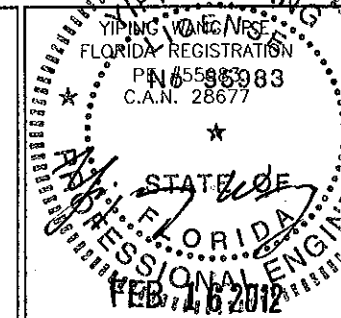
"YVES FB458 MORTISE FLUSHBOLTS"
LOCATED AT TOP AND BOTTOM, FASTENED WITH (4)
8 x 3/4" FH MTS.

STRIKE PLATE 39-1/2" FROM BOTTOM WITH (2) #12 X1" FH
MULTI THREAD SCREWS

FLUSH MOUNT METALLIC FLUSH BOLT GUIDE TOP AND
BOTTOM WITH (2) #8 X3/4" FH MULTI THREAD SCREWS

PRODUCT REVISED
In compliance with the Florida
Building Code
Amendment No. 12-0223-30
Expiration Date 10/13/15
Issued Date Product Control

MIAMI DADE COUNTY



NO	DATE	DESCRIPTION
1	02.16.12	2010PBC

MCY ENGINEERING, INC.
GLAZING CONSULTANTS

8501 SW 124 AVE. STE. 205A P: 305.271.0117
MIAMI, FL 33183 F: 786.573.5063
www.MCYEngineering.com MCY.Engineering@att.net

DOUBLE/SINGLE OUTSWING STEEL DOOR (LMD)

VISION HOLLOW METAL LIMITED
400 ZENWAY BLVD., UNIT #1
WOODBIDGE, ON L4H0S7
Tel: (877) 984 - 8465 Fax: (905) 851 - 1261

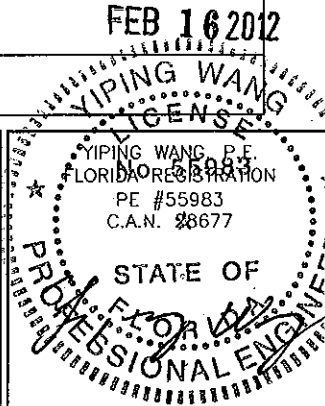
DATE	05-15-2010
SCALE	N.T.S.
DRAWN	E.D.
PROJECT	10-04
DRAWING NO.	AD10-11
4 OF 7	

BILL OF MATERIALS

ITEM NO.	PART NO.	MATERIAL	QUANTITY	DESCRIPTION	MANF./SUPPLIER/REMARKS
①	-	STEEL	AS REQ'D.	FRAME HEAD/JAMB (2" x 5 3/4")	18 GA.(0.053"MIN.) GALVANNEAL STEEL (Fy = 54 KSI MIN.)
②	-	STEEL	AS REQ'D.	DOOR FACE SHEETS (36" x 84" x 0.044")	18 GA.(0.044" MIN.) GALVANNEAL STEEL (Fy = 54 KSI MIN.)
③	520S	ALUMINUM	1	BUMPER TRESHOLD (5" x 1/2" x 0.094")	HAGER
④	S88_	VINYL	AS REQD.	ADHESIVE VINYL BULB	PEMKO
⑤	-	STEEL	4 PER LEAF	HINGES	HAGER / DESIGN HARDWARE
⑥	-	STEEL		MASONRY WIRE ANCHOR	0.173 DIA. Fy = 60 PSI
⑦	-	STEEL	AS REQ'D.	CLOSER BOX (1 9/16" x 4 3/16" x 0.053")	16 GA. GALVANNEAL STEEL
⑧	-	STEEL	AS REQ'D.	END CHANNEL (1 5/8" x 1 3/16" x 0.053")	16 GA. GALVANNEAL STEEL
⑨	-	STEEL	AS REQ'D.	HINGE REINFORCEMENT	10 GA. GALVANNEAL STEEL
⑩	-	STEEL	AS REQ'D.	EMA 18GA ANCHOR (PIPE)	VISION HOLLOW METAL
⑪	-	STEEL	AS REQ'D.	EMA 18GA ANCHOR OPTION (BUTTERFLY)	VISION HOLLOW METAL
⑫	-	STEEL	1	CYLINDRAL LOCK REINFORCING	-
⑬	-	-	AS REQ'D.	HONEY COMB 1" CELL	-
⑭	-	VINYL/STEEL	AS REQ'D.	TOP CAP OPTIONAL	VISION HOLLOW METAL
⑮	MG 950F	STEEL	AS REQ'D.	2x3x1/8" REMOVABLE MULLION	LOCKWOOD Fy min. = 46 KSI
⑯	A0010	STEEL	AS REQ'D.	ASA STRIKE REINFORCEMENT	VISION HOLLOW METAL
⑰	A0024	STEEL	1	MORTISE BOX REINFORCMENT	VISION HOLLOW METAL
⑱	A0051	STEEL	2 / PANEL	RIM PANIC BOX 14" LG.	VISION HOLLOW METAL
⑲	-	STEEL	AS REQ'D	1 3/4" x 0.12" THK ASTRAGAL	VISION HOLLOW METAL
⑳	-	STEEL	AS REQ'D	FLUSHBOLT GUIDE	VISION HOLLOW METAL
㉑	-	STEEL	AS REQ'D	REVERSABLE FLUSHBOLT HEAD REINFORCEMENT	VISION HOLLOW METAL
㉒	-	STEEL	AS REQ'D	SERIES 2000 DESIGN HARDWARE PANIC EXIT DEVICE	DESIGN HARDWARE
㉓	-	STEEL	AS REQ'D	SCHALAGE A1-53 PD CYLINDRICAL LOCK & DEAD BOLT	SCHALAGE
㉔	-	STEEL	AS REQ'D	SCHALAGE L9453 MORTISE LOCK & DEAD BOLT	SCHALAGE
㉕	-	STEEL	AS REQ'D	IVES FB458 MANUAL FLASH BOLTS	IVES

PRODUCT REVIEWED
in compliance with the Florida
Building Code
Approval No 12-0223-3D
Expiration Date 10/13/15
by Ishag I. Lhanna
Miami Dade Product Control

MIAMI DADE COUNTY



DATE	05-13-2010
SCALE	N.T.S.
DRAWN	E.D.
PROJECT	10-04

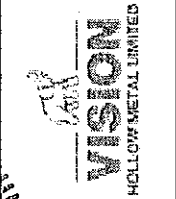
DRAWING NO.	AD10-11
	5 OF 7

DOUBLE/SINGLE OUTSWING STEEL DOOR (LMD)

VISION HOLLOW METAL LIMITED

400 ZENWAY BLVD., UNIT #1
WOODBIDGE, ON L4H0S7

Tel: (877) 984 - 8465 Fax: (905) 851 - 1261



DATE	05-13-2010
SCALE	N.T.S.
DRAWN	E.D.
PROJECT	10-04

DRAWING NO.	AD10-11
	5 OF 7

MCY ENGINEERING, INC.

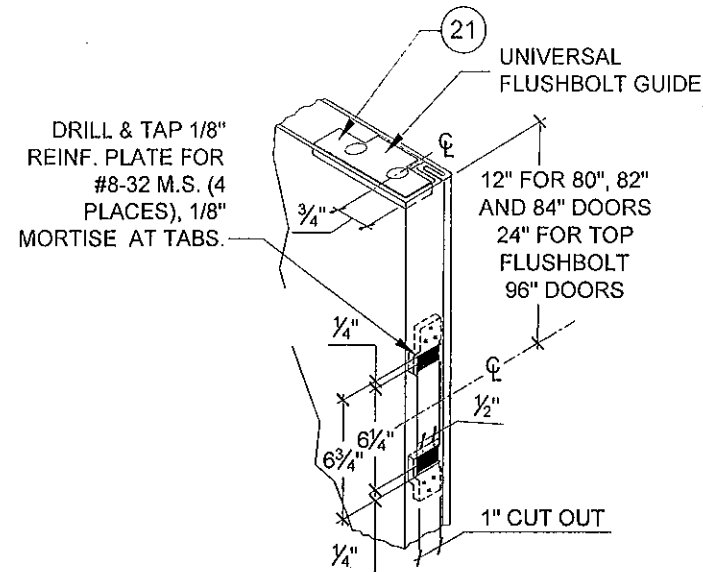
GLAZING CONSULTANTS

8501 SW 124AVE. STE. 205A P: 305.271.0117
MIAMI, FL 33183 F: 786.573.5063

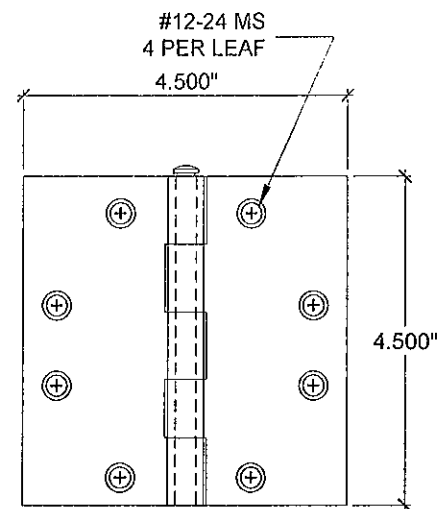
www.MCYEngineering.com MCY.Engineering@Att.net



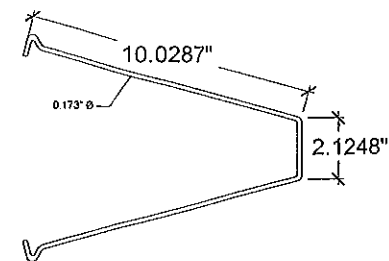
REVISIONS	NO.	DATE	DESCRIPTION
	1	02.16.12	2010TEC



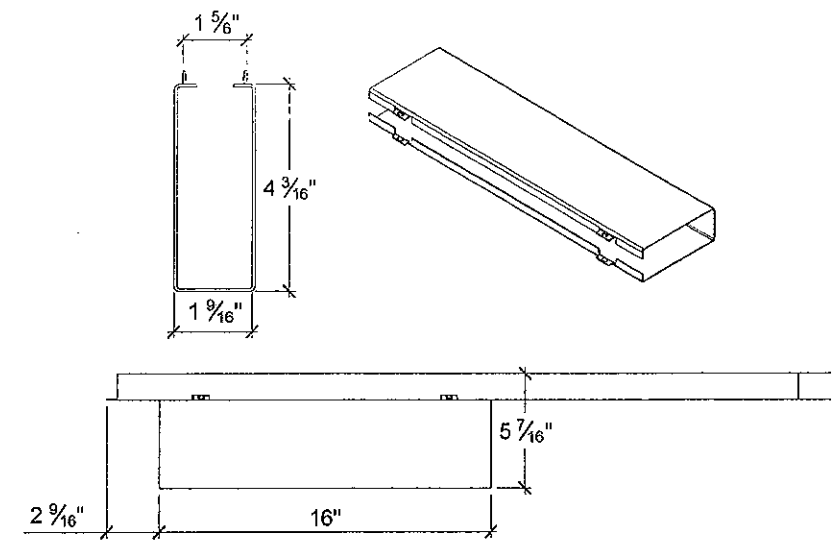
MEETING EDGE DETAIL
OPTION 2 & 3



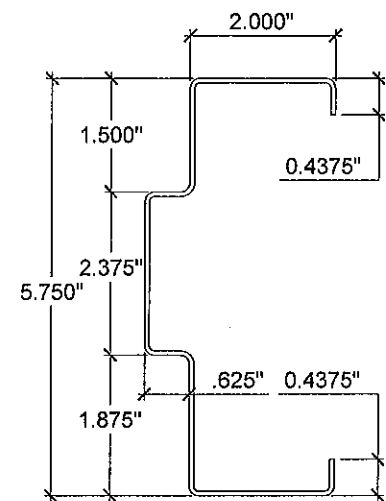
5 STEEL HINGE
t min = 0.134"



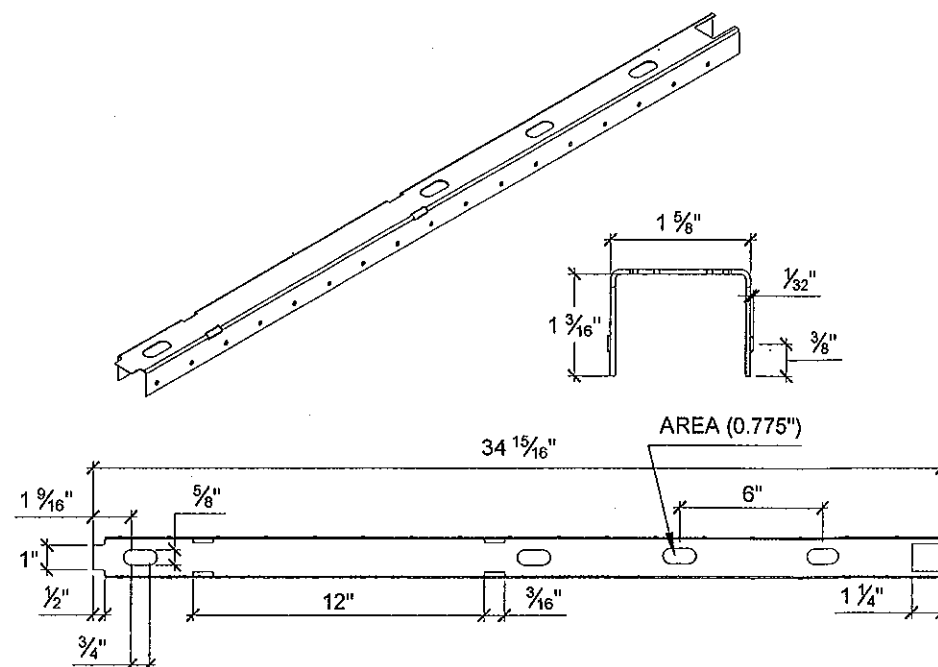
6 MASONRY WIRE ANCHOR
Fy MIN = 60 KSI



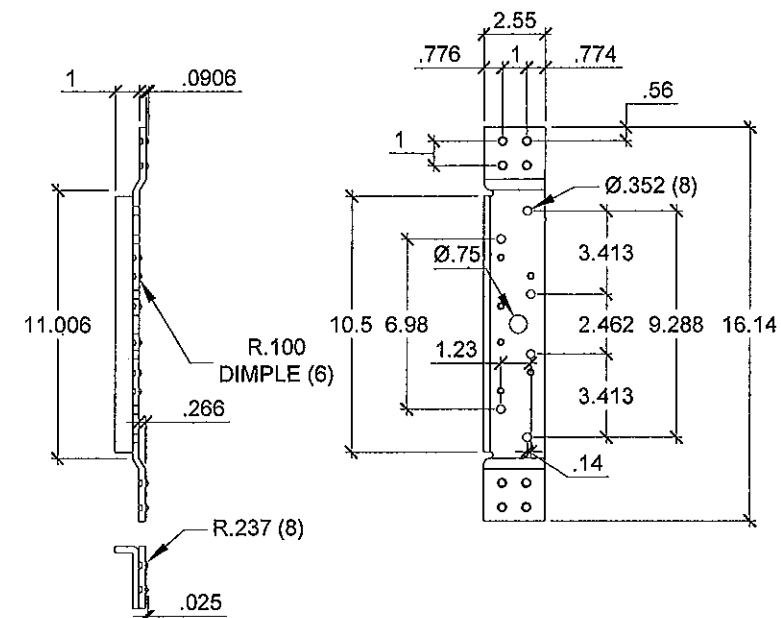
7 CLOSER BOX



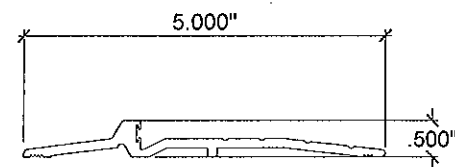
1 FRAME HEAD/JAMB
18 GA STEEL (0.053")



8 END CHANNEL
16 GA STEEL



9 HINGE REINFORCEMENT
10 GA STEEL



3 TRESHOLD

REVISIONS	NO	DATE	DESCRIPTION
1	02.16.12	2010FBC	

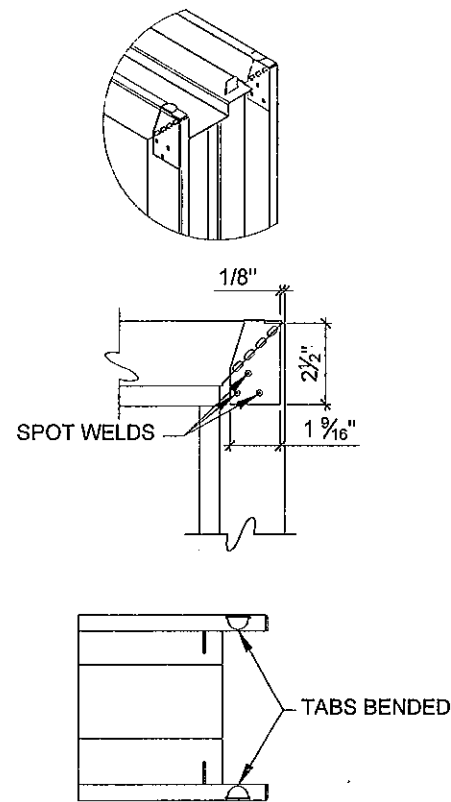
MCY ENGINEERING, INC.
GLAZING CONSULTANTS
8501 SW 124 AVE. STE. 205A P: 305.271.0117
MIAMI, FL 33183 F: 786.573.5063
www.MCYEngineering.com MCY.Engineering@Att.net

DOUBLE/SINGLE OUTSWING STEEL DOOR (LMI)
VISION HOLLOW METAL LIMITED
400 ZENWAY BLVD., UNIT #1
WOODBIDGE, ON L4H0S7
Tel: (877) 984 - 8465 Fax: (905) 851 - 1261

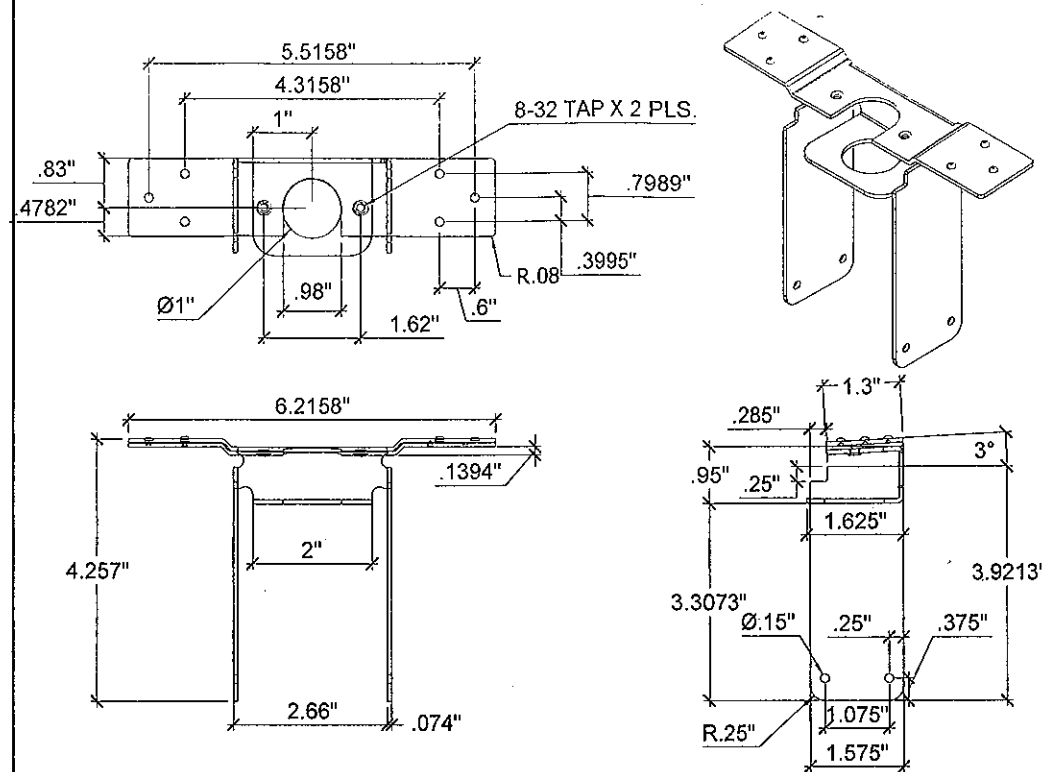
VISION
HOLLOW METAL LIMITED

PRODUCT REVISED
To comply with the Florida
Building Code
Amendment No 12-0223-30
Expiration Date 10/13/15
Ishay J. Chaudh
Miami Dade Product Control
MIAMI DADE COUNTY

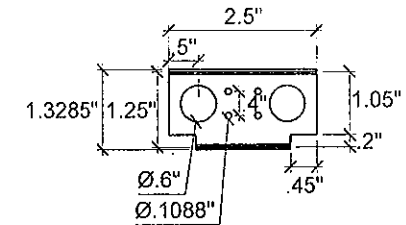
FEB 16 2012
YIPING WANG, P.E.
FLORIDA REGISTRATION
PE #55983
C.A.N. 28677
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
DRAWING NO.
AD10-11
6 OF 7



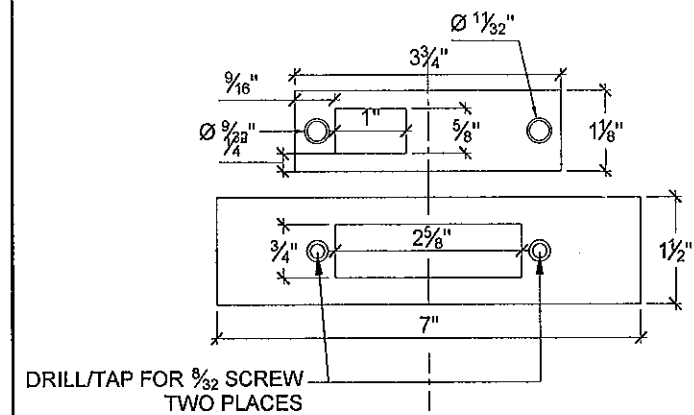
FRAME CORNERS DETAIL



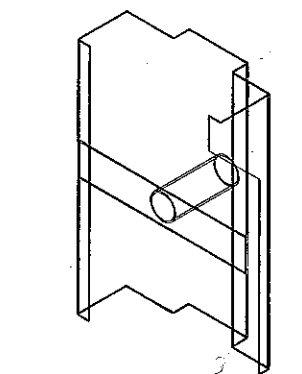
12 CYLINDRICAL LOCK REINFORCING



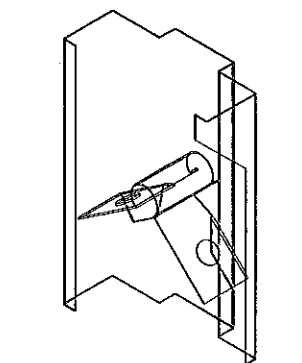
20 FLUSHBOLT GUIDE



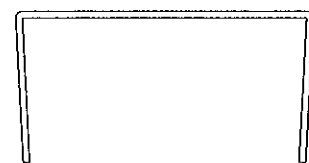
21 REVERSABLE FLUSHBOLT HEAD REINFORCING



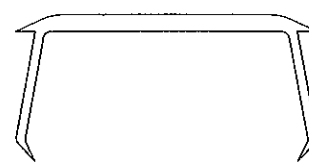
10 EMA ANCHOR



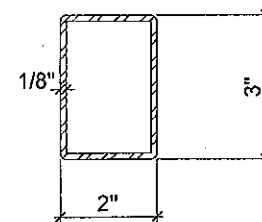
11 EMA ANCHOR



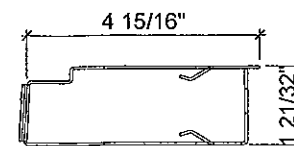
STEEL TOP CAP
OPTIONAL



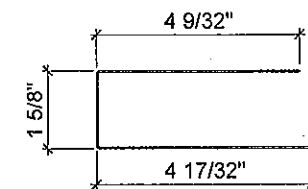
14 VINYL TOP CAP
OPTIONAL



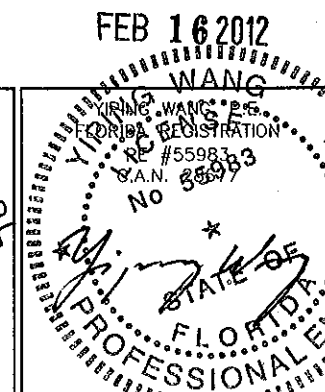
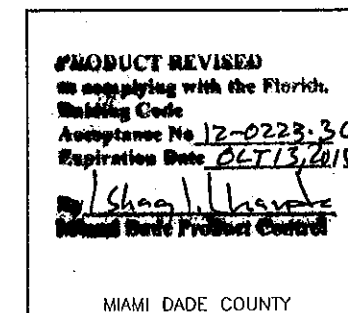
15 LOCK WOOD SERIES 950F
REMOVABLE STEEL MULLION



17 MORTISE BOX REINF.



18 ASA STRIKE REINF.
GA 20



DATE	05-13-2010
SCALE	N.T.S.
DESIGNED BY	E.D.
CHECKED BY	LOO4
DRAWING NO.	AD10-11
SHEET	7 OF 7

NO.	DATE	DESCRIPTION
1	02.16.12	2010FBC

MCY ENGINEERING, INC.
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